

10/681,223

=> d his

(FILE 'HOME' ENTERED AT 15:40:15 ON 03 MAR 2005)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS,
LIFESCI' ENTERED AT 15:40:48 ON 03 MAR 2005

L1 1370 S THYMIDYLATE (A) KINASE?
L2 467 S HUMAN AND L1
L3 6949390 S CLON? OR EXPRESS? OR RECOMBINANT
L4 9 S "TYKI"
L5 155 S (L2 OR L4) AND L3
L6 90 DUP REM L5 (65 DUPLICATES REMOVED)
E KETCHUM K A/AU
L7 233 S E3
E BEASLEY E M/AU
L8 322 S E3
E DIFRANCESCO V/AU
L9 117 S E3-E4
E WEI M H/AU
L10 137 S E3-E4
L11 665 S L7 OR L8 OR L9 OR L10
L12 1 S L1 AND L11
L13 0 S L4 AND L11

=>

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FILE 'HOME' ENTERED AT 15:40:15 ON 03 MAR 2005

=> file medline embase biosis biotechds scisearch hcapsplus ntis lifesci
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 0.21 0.21

FILE 'MEDLINE' ENTERED AT 15:40:48 ON 03 MAR 2005

FILE 'EMBASE' ENTERED AT 15:40:48 ON 03 MAR 2005
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FILE 'BIOSIS' ENTERED AT 15:40:48 ON 03 MAR 2005
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FILE 'BIOTECHD5' ENTERED AT 15:40:48 ON 03 MAR 2005
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FILE 'SCISEARCH' ENTERED AT 15:40:48 ON 03 MAR 2005
Copyright (c) 2005 The Thomson Corporation

FILE 'HCAPLUS' ENTERED AT 15:40:48 ON 03 MAR 2005
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FILE 'LIFESCI' ENTERED AT 15:40:48 ON 03 MAR 2005
COPYRIGHT (C) 2005 Cambridge Scientific Abstracts (CSA)

=> s thymidylate (a) kinase?
I-1 1370 THYMIDYLATE (A) KINASE?

```
=> S HUMAN AND L1
    2 FILES SEARCHED...
L2          467 HUMAN AND L1
```

=> s clon? or express? or recombinant
4 FILES SEARCHED...

```
=> "tyki"  
"TYKI" IS NOT A RECOGNIZED COMMAND  
The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (>)
```

```
=> s "tyki"  
L4 9 "TYKI"  
=> s (l2 or l4) and l1
```

L5 155 (L2 OR L4) AND L3

=> dup rem 15
PROCESSING COMPLETED FOR L5
L6 90 DUP REM L5 (65 DUPLICATES REMOVED)

=> d 1-90 ibib

L6 ANSWER 1 OF 90 MEDLINE on STN
ACCESSION NUMBER: 2005092210 IN-PROCESS
DOCUMENT NUMBER: PubMed ID: 15722537
TITLE: Expressing engineered thymidylate kinase variants in human cells to improve AZT phosphorylation and human immunodeficiency virus inhibition.
AUTHOR: Wohrl Birgitta M; Loubiere Laurence; Brundiers Ralf; Goody Roger S; Klatzmann David; Konrad Manfred
CORPORATE SOURCE: Max-Planck-Institut fur Molekulare Physiologie, Abteilung Physikalische Biochemie, Otto-Hahn-Strasse 11, D-44227 Dortmund, Germany.
SOURCE: Journal of general virology, (2005 Mar) 86 (Pt 3) 757-64.
Journal code: 0077340. ISSN: 0022-1317.
PUB. COUNTRY: England: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: NONMEDLINE; IN-DATA-REVIEW; IN-PROCESS; NONINDEXED;
Priority Journals
ENTRY DATE: Entered STN: 20050223
Last Updated on STN: 20050223

L6 ANSWER 2 OF 90 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
DUPLICATE 1

ACCESSION NUMBER: 2004-08147 BIOTECHDS
TITLE: New A recombinant host cell line comprising a thymidylate kinase gene and/or thymidylate synthase gene that have been functionally complemented by at least one functional homologue of another organism, useful in activity testing;
vector expression in host cell for use in activity testing
AUTHOR: CHAPERON D
PATENT ASSIGNEE: CHAPERON D
PATENT INFO: WO 2004011627 5 Feb 2004
APPLICATION INFO: WO 2003-IB2966 24 Jul 2003
PRIORITY INFO: US 2002-398948 25 Jul 2002; US 2002-398948 25 Jul 2002
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2004-143854 [14]

L6 ANSWER 3 OF 90 HCAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 2
ACCESSION NUMBER: 2004:631197 HCAPLUS

DOCUMENT NUMBER: Correction of: 2004:355089
141:119052
Correction of: 140:387549
TITLE: Proteins and cDNA associated with cancers and their use in diagnosis and treatment of cancers
INVENTOR(S): Lee, Soojin; Koh, Sang Seok; Lee, Bogman; Chung, Hyun-ho; Choo, Seung-ho; Yang, Doo Seok
PATENT ASSIGNEE(S): LG Life Sciences Ltd., S. Korea
SOURCE: PCT Int. Appl., 187 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004035789	A1	20040429	WO 2003-KR2161	20031016
WO 2004035789	C2	20040722		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.: US 2002-419911P P 20021018 US 2002-419912P P 20021018 US 2002-420088P P 20021018 US 2002-434243P P 20021216 US 2002-434278P P 20021216 US 2003-438278P P 20030103				

L6 ANSWER 4 OF 90 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN

ACCESSION NUMBER: 2004-17966 BIOTECHDS

TITLE: Crystallized recombinant thymidylate kinase from Enterococcus faecalis or Staphylococcus aureus, for designing potential modulator for preventing or treating Enterococcus faecalis or Staphylococcus aureus, related disease;

crystallized recombinant thymidylate- kinase for drug screening and disease therapy

AUTHOR: EDWARDS A; DHARAMSI A; VEDADI M; DOMAGALA M; PINDER B; ALAM M Z; NETHERY K; HOUSTON S; BUZADZIJA K; TAI M

PATENT ASSIGNEE: AFFINUM PHARM INC

PATENT INFO: WO 2004042045 21 May 2004

APPLICATION INFO: WO 2003-CA1674 5 Nov 2003

PRIORITY INFO: US 2002-423802 5 Nov 2002; US 2002-423802 5 Nov 2002

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2004-506905 [48]

L6 ANSWER 5 OF 90 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:287758 HCAPLUS

DOCUMENT NUMBER: 140:302345

TITLE: Genes showing altered patterns of expression in the central nervous system in multiple sclerosis and their diagnostic and therapeutic use

INVENTOR(S): Dangond, Fernando; Hwang, Daehee; Gullans, Steven R.

PATENT ASSIGNEE(S): Brigham and Women's Hospital, Inc., USA

SOURCE: PCT Int. Appl., 139 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004028339	A2	20040408	WO 2003-US29451	20030925
WO 2004028339	A3	20040805		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK,				

LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ,
 OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR,
 TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
 FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 US 2004156826 A1 20040812 US 2003-670766 20030925
 PRIORITY APPLN. INFO.: US 2002-414219P P 20020927

L6 ANSWER 6 OF 90 HCPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:162616 HCPLUS
 DOCUMENT NUMBER: 140:212062
 TITLE: Use of murine genomic regions identified to be
 involved in tumor development for the development of
 anti-cancer drugs and diagnosis of cancer
 INVENTOR(S): Touw, Ivo Paul; Delwel, Hendrik Rudolf; Lowenberg,
 Bob; Valk, Peter Jacobus Maria
 PATENT ASSIGNEE(S): Erasmus University Medical Center Rotterdam, Neth.
 SOURCE: PCT Int. Appl., 106 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004016317	A1	20040226	WO 2003-NL583	20030814
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1393776	A1	20040303	EP 2002-78358	20020814
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
PRIORITY APPLN. INFO.:			EP 2002-78358	A2 20020814
			US 2002-252132	A2 20020919

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 7 OF 90 HCPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:898614 HCPLUS
 DOCUMENT NUMBER: 141:348154
 TITLE: Human genes showing altered levels of
 expression in pancreatic carcinomas and their
 diagnostic and therapeutic uses
 INVENTOR(S): Rosenthal, Andre; Pilarsky, Christian; Dahl, Edgar;
 Specht, Thomas; Bruemmendorf, Thomas; Lichtner,
 Rosemarie; Staub, Eike; Roepcke, Stefan; Li, Xinzhang
 PATENT ASSIGNEE(S): Hinzmann, Bernd, Germany; Rosenthal, Andre
 SOURCE: Eur. Pat. Appl., 28 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1471075	A2	20041027	EP 2004-90124	20040331
EP 1471075	A3	20050112		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK			
DE 10315834	A1	20041118	DE 2003-10315834	20030331
PRIORITY APPLN. INFO.:			DE 2003-10315834	A 20030331

L6 ANSWER 8 OF 90 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:925904 HCAPLUS
 DOCUMENT NUMBER: 141:393465
 TITLE: Genes showing altered expression in lung cancer and their products and their use in diagnosis and treatment
 INVENTOR(S): Mennerich, Detlev; Bruemmendorf, Thomas; Heiden Castanos-Velez, Esmeralda; Hermann, Klaus; Kinnemann, Henrik; Li, Xinzong; Roepcke, Stefan; Staub, Eike; Hinzmann, Bernd; Rosenthal, Andre; Pilarsky, Christian
 PATENT ASSIGNEE(S): Germany
 SOURCE: Ger. Offen., 1381 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10316701	A1	20041104	DE 2003-10316701	20030409
EP 1498424	A2	20050119	EP 2004-90140	20040408
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR			
PRIORITY APPLN. INFO.:			DE 2003-10316701	A 20030409

L6 ANSWER 9 OF 90 MEDLINE on STN DUPLICATE 3
 ACCESSION NUMBER: 2004302456 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 15205349
 TITLE: p14ARF expression increases dihydrofolate reductase degradation and paradoxically results in resistance to folate antagonists in cells with nonfunctional p53.
 AUTHOR: Magro Pellegrino G; Russo Angelo J; Li Wei-Wei; Banerjee Debabrata; Bertino Joseph R
 CORPORATE SOURCE: Joan and Sanford I. Weill Graduate School of Medical Sciences of Cornell University, and Memorial Sloan Kettering Cancer Center, New York, NY, USA.
 CONTRACT NUMBER: CA08010 (NCI)
 SOURCE: Cancer research, (2004 Jun 15) 64 (12) 4338-45.
 Journal code: 2984705R. ISSN: 0008-5472.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200408
 ENTRY DATE: Entered STN: 20040624
 Last Updated on STN: 20040807
 Entered Medline: 20040806

L6 ANSWER 10 OF 90 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on STN
 ACCESSION NUMBER: 2004:946931 SCISEARCH
 THE GENUINE ARTICLE: 862UM
 TITLE: Metabolism of 3 '-deoxy-3 '-[F-18]fluorothymidine in

proliferating A549 cells: validations for positron emission tomography
AUTHOR: Grierson J R (Reprint); Schwartz J L; Muzi M; Jordan R; Krohn K A
CORPORATE SOURCE: Univ Washington, Dept Radiol, Seattle, WA 98195 USA (Reprint); Univ Washington, Dept Radiat Oncol, Seattle, WA 98195 USA
COUNTRY OF AUTHOR: USA
SOURCE: NUCLEAR MEDICINE AND BIOLOGY, (OCT 2004) Vol. 31, No. 7, pp. 829-837.
Publisher: ELSEVIER SCIENCE INC, 360 PARK AVE SOUTH, NEW YORK, NY 10010-1710 USA.
ISSN: 0969-8051.
DOCUMENT TYPE: Article; Journal
LANGUAGE: English
REFERENCE COUNT: 50
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L6 ANSWER 11 OF 90 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
DUPLICATE 4

ACCESSION NUMBER: 2003-23497 BIOTECHDS
TITLE: New polynucleotide and its encoded thymidylate kinase (TK), useful for identifying modulators of TK activity (e.g. agonists or antagonists) that provides therapeutic effects, and in gene therapy for treating cancers
;
human recombinant protein production for diagnosis

AUTHOR: LIOU J
PATENT ASSIGNEE: BAYER AG
PATENT INFO: WO 2003064642 7 Aug 2003
APPLICATION INFO: WO 2003-EP783 27 Jan 2003
PRIORITY INFO: US 2002-428711 25 Nov 2002; US 2002-351424 28 Jan 2002
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2003-646151 [61]

L6 ANSWER 12 OF 90 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-15460 BIOTECHDS

TITLE: Identifying cells with an altered copy number of a nucleic acid of interest comprises screening cells for an alteration in the copy number of the nucleic acid of interest using an amplifiable nucleic acid linked to a reporter nucleic acid; involving vector plasmid pNK-mediated gene transfer and expression in Chinese hamster ovary cell culture

AUTHOR: SUNSTROM N; BAILEY C G
PATENT ASSIGNEE: UNISEARCH LTD
PATENT INFO: WO 2003029461 10 Apr 2003
APPLICATION INFO: WO 2002-AU1352 3 Oct 2002
PRIORITY INFO: AU 2001-8051 3 Oct 2001; AU 2001-8051 3 Oct 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2003-371999 [35]

L6 ANSWER 13 OF 90 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-17663 BIOTECHDS

TITLE: Infecting a neoplasm in a human with a virus comprises administering an interferon-sensitive, replication-competent clonal RNA virus, vaccinia virus or DNA virus to the human; the use of recombinant virus for use in disease therapy and gene therapy

AUTHOR: ROBERTS M S; LORENCE R M; GROENE W S; RABIN H; VON BORSTEL R W

PATENT ASSIGNEE: PRO-VIRUS INC
 PATENT INFO: US 2003044384 6 Mar 2003
 APPLICATION INFO: US 2002-44955 15 Jan 2002
 PRIORITY INFO: US 2002-44955 15 Jan 2002; US 1997-948244 9 Oct 1997
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 OTHER SOURCE: WPI: 2003-456548 [43]

L6 ANSWER 14 OF 90 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2003:972197 HCAPLUS
 DOCUMENT NUMBER: 140:24173
 TITLE: Human cDNA sequences and their encoded
 proteins and diagnostic and therapeutic uses
 INVENTOR(S): Alsobrook, John P., II; Anderson, David W.;
 Baumgartner, Jason C.; Berghs, Constance; Boldog,
 Ferenc L.; Burgess, Catherine E.; Casman, Stacie J.;
 Catterton, Elina; Dhanabal, Mohanraj; Edinger, Shlomit
 R.
 PATENT ASSIGNEE(S): Curagen Corporation, USA
 SOURCE: PCT Int. Appl., 1503 pp.
 CODEN: PIIXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 148
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003102159	A2	20031211	WO 2003-US17573	20030604
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004029226	A1	20040212	US 2003-383201	20030306
PRIORITY APPLN. INFO.:			US 2002-385490P	P 20020604
			US 2002-385615P	P 20020604
			US 2002-385755P	P 20020604
			US 2002-386041P	P 20020605
			US 2002-386355P	P 20020606
			US 2002-386357P	P 20020606
			US 2002-386447P	P 20020606
			US 2002-386459P	P 20020606
			US 2002-386465P	P 20020606
			US 2002-386864P	P 20020606
			US 2002-386701P	P 20020607
			US 2002-386796P	P 20020607
			US 2002-386931P	P 20020607
			US 2002-387078P	P 20020607
			US 2002-387081P	P 20020607
			US 2002-387083P	P 20020607
			US 2002-387429P	P 20020610
			US 2002-387540P	P 20020610
			US 2002-387866P	P 20020610
			US 2002-387606P	P 20020611
			US 2002-387610P	P 20020611
			US 2002-387659P	P 20020611
			US 2002-387668P	P 20020611
			US 2002-387696P	P 20020611

US 2002-387859P	P 20020611
US 2002-387934P	P 20020612
US 2002-387960P	P 20020612
US 2002-388022P	P 20020612
US 2002-388096P	P 20020612
US 2002-388432P	P 20020612
US 2002-388479P	P 20020612
US 2002-389123P	P 20020613
US 2002-389120P	P 20020614
US 2002-389146P	P 20020614
US 2002-389742P	P 20020617
US 2002-389604P	P 20020618
US 2002-389884P	P 20020618
US 2002-51874	A 20020116
US 2002-361974P	P 20020306
US 2002-93463	A 20020308
US 2002-365034P	P 20020315
US 2002-365477P	P 20020319
US 2002-365884P	P 20020320
US 2002-365984P	P 20020320
US 2002-365985P	P 20020320
US 2002-366928P	P 20020322
US 2002-372018P	P 20020412
US 2002-372022P	P 20020412
US 2002-374682P	P 20020423
US 2002-389143P	P 20020614
US 2002-391779P	P 20020626
US 2002-403743P	P 20020815
US 2002-410755P	P 20020913
US 2002-412957P	P 20020923
US 2002-420382P	P 20021022

L6 ANSWER 15 OF 90 HCPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:837370 HCPLUS

DOCUMENT NUMBER: 139:333972

TITLE: Gene profiling methods of diagnosing potential for metastasis or developing hepatocellular carcinoma and of identifying therapeutic targets

INVENTOR(S): Wang, Xin Wei; Ye, Qing-hai; Kim, Jin Woo

PATENT ASSIGNEE(S): The Government of the United States of America, as Represented by the Secretary of the Department of Health and Human Services, USA

SOURCE: PCT Int. Appl., 141 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003087766	A2	20031023	WO 2003-US10783	20030404
WO 2003087766	A3	20040729		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 2002-370895P	P 20020405

L6 ANSWER 16 OF 90 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2003:757866 HCAPLUS
 DOCUMENT NUMBER: 139:259961
 TITLE: Engineering drug-sensitive smallpox virus vaccines containing thymidine kinase and **thymidylate kinase** fusion proteins for use in activation of drugs preventing viral replication and treatment of vaccine-induced disease
 INVENTOR(S): Falker, Falko-guenter; Holzer, Georg; Coulibaly, Sogue; Mayrhofer, Josef
 PATENT ASSIGNEE(S): Baxter International Inc., USA; Baxter Healthcare S.A.
 SOURCE: PCT Int. Appl., 33 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003078640	A2	20030925	WO 2003-EP2696	20030314
WO 2003078640	A3	20031218		
WO 2003078640	C1	20040129		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2003228330	A1	20031211	US 2003-388234	20030314
PRIORITY APPLN. INFO.: US 2002-364117P P 20020315				

L6 ANSWER 17 OF 90 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2003:678972 HCAPLUS
 DOCUMENT NUMBER: 139:192567
 TITLE: Sequences of a **human** zinc protease signature-containing protein and uses in diagnosis, therapy and drug screening
 INVENTOR(S): Liou, Jiing-Ren
 PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 126 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003070929	A1	20030828	WO 2003-EP1616	20030218
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF,				

BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 PRIORITY APPLN. INFO.: US 2002-357255P P 20020219
 US 2002-384384P P 20020603
 US 2002-405303P P 20020823
 REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 18 OF 90 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2003:320041 HCAPLUS
 DOCUMENT NUMBER: 138:335903
 TITLE: Identification of genes expressed in skeletal muscle associated with abnormal glucose tolerance for diagnosis of type 2 diabetes mellitus using microarrays
 INVENTOR(S): Lindgren, Cecilia M.; Hirschhorn, Joel N.; Tamayo, Pablo; Daly, Mark J.; Lander, Eric S.; Altshuler, David M.
 PATENT ASSIGNEE(S): Whitehead Institute for Biomedical Research, USA; The General Hospital Corporation; University of Lund
 SOURCE: PCT Int. Appl., 54 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003033676	A2	20030424	WO 2002-US33524	20021017
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2001-330147P P 20011017

L6 ANSWER 19 OF 90 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2003:282721 HCAPLUS
 DOCUMENT NUMBER: 138:298820
 TITLE: Plasmid vectors with sequences for replication of competent viruses and uses for gene therapy
 INVENTOR(S): Aguilar-Cordova, Carlos Estuardo
 PATENT ASSIGNEE(S): USA
 SOURCE: PCT Int. Appl., 81 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003029433	A2	20030410	WO 2002-US31871	20021004
WO 2003029433	A3	20030814		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, SD, SE, SG, SI, SK, SL, TJ, TM,				

TR, TT, UA, UG, UZ, VN, YU, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004086485	A1	20040506	US 2002-264839	20021004
EP 1442125	A2	20040804	EP 2002-784026	20021004
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
PRIORITY APPLN. INFO.:			US 2001-327179P	P 20011004
			WO 2002-US31871	W 20021004

L6 ANSWER 20 OF 90 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:97543 HCAPLUS
 DOCUMENT NUMBER: 138:164839
 TITLE: Human cDNA sequences and their encoded
 proteins and diagnostic and therapeutic uses
 INVENTOR(S): Miller, Charles E.; Kekuda, Ramesh; Malyankar, Uriel
 M.; Li, Li; Pena, Carol E. A.; Spytek, Kimberly A.;
 Gorman, Linda; Guo, Xiaojia; Fernandes, Elma R.;
 Smithson, Glennda; Stone, David J.; Zerhusen, Bryan
 D.; Paturajan, Meera; Anderson, David W.; Mezes,
 Peter S.; Peyman, John A.; MacDougall, John R.;
 Padigaru, Muralidhara; Rastelli, Luca; Suresh, G.;
 Gerlach, Valerie L.; Shimkets, Richard A.; Zhong, Mei;
 Edinger, Shlomit R.; Ellerman, Karen
 PATENT ASSIGNEE(S): Curagen Corporation, USA
 SOURCE: PCT Int. Appl., 748 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 148
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003010327	A2	20030206	WO 2002-US14199	20020502
WO 2003010327	A3	20031224		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 2001-288063P	P 20010502
			US 2001-288395P	P 20010503
			US 2001-289087P	P 20010507
			US 2001-289817P	P 20010509
			US 2001-289818P	P 20010509
			US 2001-290194P	P 20010511
			US 2001-290753P	P 20010514
			US 2001-291181P	P 20010515
			US 2001-291243P	P 20010516
			US 2001-292001P	P 20010518
			US 2001-292374P	P 20010521
			US 2001-292587P	P 20010522
			US 2001-293107P	P 20010523
			US 2001-293747P	P 20010525
			US 2001-294109P	P 20010529
			US 2001-294110P	P 20010529

US 2001-294434P	P 20010530
US 2001-294827P	P 20010531
US 2001-304879P	P 20010712
US 2001-308901P	P 20010731

L6 ANSWER 21 OF 90 MEDLINE on STN DUPLICATE 5
ACCESSION NUMBER: 2003382034 MEDLINE
DOCUMENT NUMBER: PubMed ID: 12918113
TITLE: Identification of *H. pylori* strain specific DNA sequences between two clinical isolates from NUD and gastric ulcer by SSH.
AUTHOR: Han Feng-Chan; Gong Min; Ng Han-Chong; Ho Bow
CORPORATE SOURCE: Department of Microbiology, Faculty of Medicine, National University of Singapore.. biohanfc@hotmail.com
SOURCE: World journal of gastroenterology : WJG, (2003 Aug) 9 (8) 1747-51.
PUB. COUNTRY: Journal code: 100883448. ISSN: 1007-9327.
China
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200309
ENTRY DATE: Entered STN: 20030815
Last Updated on STN: 20030925
Entered Medline: 20030924

L6 ANSWER 22 OF 90 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN
ACCESSION NUMBER: 2003337900 EMBASE
TITLE: Comparative study of purine and pyrimidine nucleoside analogues acting on the thymidylate kinases of *Mycobacterium tuberculosis* and of humans.
AUTHOR: Pochet S.; Dugue L.; Labesse G.; Delepierre M.; Munier-Lehmann H.
CORPORATE SOURCE: Dr. H. Munier-Lehmann, Institut Pasteur, Lab. Chim. Struct. Macromolec., URA CNRS 2185, 28, Rue du Dr Roux, 75724 Paris Cedex 15, France. hmunier@pasteur.fr
SOURCE: ChemBioChem, (4 Aug 2003) 4/8 (742-747).
Refs: 33
ISSN: 1439-4227 CODEN: CBCHFX
COUNTRY: Germany
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 004 Microbiology
030 Pharmacology
037 Drug Literature Index
LANGUAGE: English
SUMMARY LANGUAGE: English

L6 ANSWER 23 OF 90 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2002-15600 BIOTECHDS
TITLE: New tmk gene of Coryneform bacteria, useful when suppressed, for increasing fermentative production of L-amino acids, encodes a thymidylate kinase; L-lysine production by recombinant *Corynebacterium glutamicum* useful for food, medicine and pharmaceutical industry
AUTHOR: FARWICK M; HUTHMACHER K; MARX A; PFEFFERLE W
PATENT ASSIGNEE: DEGUSSA AG
PATENT INFO: DE 10140095 28 Mar 2002
APPLICATION INFO: DE 2000-1040095 19 Sep 2000
PRIORITY INFO: DE 2000-1046235 19 Sep 2000
DOCUMENT TYPE: Patent
LANGUAGE: German

OTHER SOURCE: WPI: 2002-341601 [38]

L6 ANSWER 24 OF 90 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:637880 HCAPLUS

DOCUMENT NUMBER: 137:179893

TITLE: Methods for identifying compounds that inhibit or reduce PTP1B (protein tyrosine phosphatase 1B) expression

INVENTOR(S): Zinker, Bradley A.; Trevillyan, James M.; Jirousek, Michael R.; Rondinone, Christina M.; Cowser, Lex M.; Wyatt, Jacqueline; Monia, Brett P.; Butler, Madeline M.; Waring, Jeffrey French

PATENT ASSIGNEE(S): Abbott Laboratories, USA; Isis Pharmaceuticals, Inc.

SOURCE: PCT Int. Appl., 72 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002064840	A2	20020822	WO 2002-US4194	20020213
WO 2002064840	A3	20031224		
W: CA, JP, MX				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
US 2003108883	A1	20030612	US 2002-74194	20020212
PRIORITY APPLN. INFO.:			US 2001-268399P	P 20010213
			US 2002-74194	A 20020212

L6 ANSWER 25 OF 90 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:449925 HCAPLUS

DOCUMENT NUMBER: 137:31583

TITLE: Methods and compositions for the identification, assessment and therapy of human cancers by detection of sensitivity genes

INVENTOR(S): Pusztai, Lajos

PATENT ASSIGNEE(S): Board of Regents, the University of Texas System, USA

SOURCE: PCT Int. Appl., 48 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002046471	A2	20020613	WO 2001-US41670	20010809
WO 2002046471	A3	20030515		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2001091256	A5	20020618	AU 2001-91256	20010809
PRIORITY APPLN. INFO.:			US 2000-733853	A 20001208
			WO 2001-US41670	W 20010809

L6 ANSWER 26 OF 90 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:921847 HCAPLUS
 DOCUMENT NUMBER: 138:21347
 TITLE: Identification, cloning, characterization
 and cDNA and genomic sequences of a human
 thymidylate kinase subfamily member
 INVENTOR(S): Wei, Ming-Hui; Ketchum, Karen A.; Beasley, Ellen M.;
 Difrancesco, Valentina
 PATENT ASSIGNEE(S): PE Corporation (NY), USA
 SOURCE: U.S., 49 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6489153	B1	20021203	US 2001-984880	20011031
US 2003087294	A1	20030508	US 2002-277032	20021022
US 6664087	B2	20031216		
WO 2003048303	A2	20030612	WO 2002-US34872	20021031
WO 2003048303	A3	20040122		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1451312	A2	20040901	EP 2002-804411	20021031
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
US 2004081999	A1	20040429	US 2003-681223	20031009
PRIORITY APPLN. INFO.: US 2001-984880 A3 20011031 US 2002-277032 A3 20021022 WO 2002-US34872 W 20021031				

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 27 OF 90 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2003:501603 HCAPLUS
 DOCUMENT NUMBER: 139:48200
 TITLE: Protein and cDNA sequences of 9.68-kilodalton
 human thymidylate kinase
 -like protein and their therapeutic uses
 INVENTOR(S): Mao, Yumin; Xie, Yi
 PATENT ASSIGNEE(S): Bode Gene Development Co., Ltd., Shanghai, Peop. Rep.
 China
 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 32 pp.
 CODEN: CNXXEV
 DOCUMENT TYPE: Patent
 LANGUAGE: Chinese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1361263	A	20020731	CN 2000-135938	20001226
PRIORITY APPLN. INFO.: CN 2000-135938 20001226				

L6 ANSWER 28 OF 90 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:52471 HCPLUS
DOCUMENT NUMBER: 136:350221
TITLE: Molecular determinants of terminal growth arrest induced in tumor cells by a chemotherapeutic agent
AUTHOR(S): Chang, Bey-Dih; Swift, Mari E.; Shen, Mei; Fang, Jing; Broude, Eugenia V.; Roninson, Igor B.
CORPORATE SOURCE: Department of Molecular Genetics, University of Illinois, Chicago, IL, 60607-7170, USA
SOURCE: Proceedings of the National Academy of Sciences of the United States of America (2002), 99(1), 389-394
CODEN: PNASA6; ISSN: 0027-8424
PUBLISHER: National Academy of Sciences
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 29 OF 90 MEDLINE on STN
ACCESSION NUMBER: 2002192998 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11923581
TITLE: Ethanol decreases the efficiency of phosphorylation of thymidine kinase in a human T-lymphocytic cell line.
AUTHOR: Prakash Om; Tang Zhen-Ya; Zhou Peng; Peng Xiaochan; Kolls Jay; Shellito Judd E; Nelson Steve
CORPORATE SOURCE: Laboratory of Molecular Oncology, Alton Ochsner Medical Foundation, 1516 Jefferson Highway, New Orleans, Louisiana 70121, USA.. oprakash@ochsner.org
CONTRACT NUMBER: AA 09803 (NIAAA)
SOURCE: Alcoholism, clinical and experimental research, (2002 Mar) 26 (3) 295-302.
Journal code: 7707242. ISSN: 0145-6008.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200207
ENTRY DATE: Entered STN: 20020404
Last Updated on STN: 20020726
Entered Medline: 20020725

L6 ANSWER 30 OF 90 HCPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:46162 HCPLUS
DOCUMENT NUMBER: 140:315947
TITLE: Cloning, sequencing and structural evolution analysis of the thymidine kinase gene of a wild Chinese PRV LA strain
AUTHOR(S): Fan, Weixing; Zhang, Xuelian; Zhao, Hongkun; Chen, Puyan
CORPORATE SOURCE: College of Veterinary Medicine, Nanjing Agricultural University, Nanjing, 210095, Peop. Rep. China
SOURCE: Bingdu Xuebao (2002), 18(3), 249-258
CODEN: BIXUEA; ISSN: 1000-8721
PUBLISHER: Bingdu Xuebao Bianjibu
DOCUMENT TYPE: Journal
LANGUAGE: Chinese

L6 ANSWER 31 OF 90 HCPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:70927 HCPLUS
DOCUMENT NUMBER: 136:245361
TITLE: Global gene expression analysis of gastric cancer by oligonucleotide microarrays
AUTHOR(S): Hippo, Yoshitaka; Taniguchi, Hirokazu; Tsutsumi, Shuichi; Machida, Naoko; Chong, Ja-Mun; Fukayama,

CORPORATE SOURCE: Masashi; Kodama, Tatsuhiko; Aburatani, Hiroyuki
Genome Science Division, The University of Tokyo,
Tokyo, 153-8904, Japan
SOURCE: Cancer Research (2002), 62(1), 233-240
CODEN: CNREA8; ISSN: 0008-5472
PUBLISHER: American Association for Cancer Research
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 32 OF 90 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:918600 HCAPLUS
DOCUMENT NUMBER: 136:395365
TITLE: S-acyl-2-thioethyl (SATE) pronucleotides are potent
inhibitors of HIV-1 replication in T-lymphoid cells
cross-resistant to deoxycytidine and thymidine analogs
AUTHOR(S): Groschel, B.; Cinatl, J.; Perigaud, C.; Gosselin, G.;
Imbach, J.-L.; Doerr, H. W.; Cinatl, J.
CORPORATE SOURCE: Johann Wolfgang Goethe University Frankfurt/M.,
Institute of Medical Virology, Frankfurt M., 60596,
Germany
SOURCE: Antiviral Research (2002), 53(2), 143-152
CODEN: ARSRDR; ISSN: 0166-3542
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 33 OF 90 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:885830 HCAPLUS
DOCUMENT NUMBER: 136:11098
TITLE: Chimeric viral vectors for gene therapy
INVENTOR(S): Aguilar-Cordova, Estuardo
PATENT ASSIGNEE(S): Baylor College of Medicine, USA
SOURCE: PCT Int. Appl., 103 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001091802	A1	20011206	WO 2001-US17453	20010530
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2000-207845P P 20000530
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 34 OF 90 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:627979 HCAPLUS
DOCUMENT NUMBER: 136:363331
TITLE: Thymidylylate synthase (TS) and ribonucleotide reductase
(RNR) may be involved in acquired resistance to

AUTHOR(S) : 5-fluorouracil (5-FU) in human cancer
xenografts in vivo
CORPORATE SOURCE: Fukushima, M.; Fujioka, A.; Uchida, J.; Nakagawa, F.;
Takechi, T.
SOURCE: The Second Cancer Laboratory, Taiho Pharmaceutical
Co., Ltd., Hanno, Saitama, 357-8527, Japan
PUBLISHER: European Journal of Cancer (2001), 37(13), 1681-1687
DOCUMENT TYPE: CODEN: EJCAEL; ISSN: 0959-8049
LANGUAGE: English
REFERENCE COUNT: 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 35 OF 90 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:612457 HCAPLUS
DOCUMENT NUMBER: 135:327709
TITLE: Splenomegaly induced by recombinant
human granulocyte-colony stimulating factor in
rats
AUTHOR(S) : Nakayama, T.; Kudo, H.; Suzuki, S.; Sassa, S.; Mano,
Y.; Sakamoto, S.
CORPORATE SOURCE: School of Allied Health Sciences, Faculty of Medicine,
Tokyo Medical and Dental University, Tokyo, 113-8510,
Japan
SOURCE: Life Sciences (2001), 69(13), 1521-1529
PUBLISHER: CODEN: LIFSAK; ISSN: 0024-3205
DOCUMENT TYPE: Elsevier Science Inc.
LANGUAGE: Journal
REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 36 OF 90 MEDLINE on STN DUPLICATE 6
ACCESSION NUMBER: 2001308818 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11309351
TITLE: Thymidine kinase, thymidylate synthase,
and dihydropyrimidine dehydrogenase profiles of cell lines
of the National Cancer Institute's Anticancer Drug Screen.
Grem J L; Danenberg K D; Behan K; Parr A; Young L;
Danenberg P V; Nguyen D; Drake J; Monks A; Allegra C J
Developmental Therapeutics Department, Medicine Branch,
Division of Clinical Sciences, National Cancer Institute at
the National Naval Medical Center, Bethesda, Maryland
20889, USA.
AUTHOR: SOURCE: Clinical cancer research : an official journal of the
American Association for Cancer Research, (2001 Apr) 7 (4)
999-1009.
PUB. COUNTRY: Journal code: 9502500. ISSN: 1078-0432.
DOCUMENT TYPE: United States
LANGUAGE: Journal; Article; (JOURNAL ARTICLE)
FILE SEGMENT: English
ENTRY MONTH: Priority Journals
200106
ENTRY DATE: Entered STN: 20010618
Last Updated on STN: 20010618
Entered Medline: 20010614

L6 ANSWER 37 OF 90 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN
ACCESSION NUMBER: 2002:1886 BIOSIS
DOCUMENT NUMBER: PREV200200001886
TITLE: Characterization of human thymidylate
kinase.

AUTHOR(S): Li, Ling [Reprint author]; Dutschman, Ginger; Lam, Wing;
Jiang, Zaoli; Cheng, Yung-Chi
CORPORATE SOURCE: Yale University School of Medicine, New Haven, CT, USA
SOURCE: Proceedings of the American Association for Cancer Research
Annual Meeting, (March, 2001) Vol. 42, pp. 898-899. print.
Meeting Info.: 92nd Annual Meeting of the American
Association for Cancer Research. New Orleans, LA, USA.
March 24-28, 2001.
ISSN: 0197-016X.
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LANGUAGE: English
ENTRY DATE: Entered STN: 28 Dec 2001
Last Updated on STN: 25 Feb 2002

L6 ANSWER 38 OF 90 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN
ACCESSION NUMBER: 2001:492473 BIOSIS
DOCUMENT NUMBER: PREV200100492473
TITLE: Zidovudine (AZT) resistance in H9 cells due to decreased TK
expression is associated with hypermethylation of
TK gene.
AUTHOR(S): Groeschel, B. [Reprint author]; Hoever, G.; Doerr, H. W.;
Cinatl, J., Jr.
CORPORATE SOURCE: Institute of Medical Virology, Johann Wolfgang Goethe
University, Frankfurt/M., Germany
SOURCE: Nucleosides Nucleotides and Nucleic Acids, (2001) Vol. 20,
No. 4-7, pp. 487-492. print.
ISSN: 1525-7770.
DOCUMENT TYPE: Article
LANGUAGE: English
ENTRY DATE: Entered STN: 24 Oct 2001
Last Updated on STN: 23 Feb 2002

L6 ANSWER 39 OF 90 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN
ACCESSION NUMBER: 2002:186461 BIOSIS
DOCUMENT NUMBER: PREV200200186461
TITLE: Cytosolic 5'-nucleotidase I as a mediator of AZT toxicity
in HEK 293 cells.
AUTHOR(S): Hunsucker, Sally Anne [Reprint author]; Spychala, Jozef
[Reprint author]; Mitchell, Beverly S. [Reprint author]
CORPORATE SOURCE: Department of Pharmacology, Lineberger Comprehensive Cancer
Center, University of North Carolina at Chapel Hill, Chapel
Hill, NC, USA
SOURCE: Blood, (November 16, 2001) Vol. 98, No. 11 Part 1, pp.
312a-313a. print.
Meeting Info.: 43rd Annual Meeting of the American Society
of Hematology, Part 1. Orlando, Florida, USA. December
07-11, 2001. American Society of Hematology.
CODEN: BLOOAW. ISSN: 0006-4971.
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)
LANGUAGE: English
ENTRY DATE: Entered STN: 13 Mar 2002
Last Updated on STN: 13 Mar 2002

L6 ANSWER 40 OF 90 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN
ACCESSION NUMBER: 2002:555527 BIOSIS
DOCUMENT NUMBER: PREV200200555527
TITLE: Emergence of drug-resistant herpes simplex virus type 1
(HSV-1) under single-round selection with high-dose

AUTHOR(S): brivudin (BVDU).
Snoeck, R. [Reprint author]; Andrei, G. [Reprint author];
De Clercq, E. [Reprint author]; Balzarini, J. [Reprint author]
CORPORATE SOURCE: Rega Inst. Med. Res., Univ. Leuven, Leuven, Belgium
SOURCE: Abstracts of the Interscience Conference on Antimicrobial Agents and Chemotherapy, (2001) Vol. 41, pp. 309. print.
Meeting Info.: 41st Annual Meeting of the Interscience Conference on Antimicrobial Agents and Chemotherapy.
Chicago, Illinois, USA. September 22-25, 2001.
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LANGUAGE: English
ENTRY DATE: Entered STN: 30 Oct 2002
Last Updated on STN: 30 Oct 2002

L6 ANSWER 41 OF 90 MEDLINE on STN DUPLICATE 7
ACCESSION NUMBER: 2001178545 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11160865
TITLE: Mutation of Gln125 to Asn selectively abolishes the thymidylate kinase activity of herpes simplex virus type 1 thymidine kinase.
AUTHOR: Degreve B; Esnouf R; De Clercq E; Balzarini J
CORPORATE SOURCE: Rega Institute for Medical Research, Laboratory of Virology and Chemotherapy, Leuven, Belgium.
SOURCE: Molecular pharmacology, (2001 Feb) 59 (2) 285-93.
Journal code: 0035623. ISSN: 0026-895X.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200103
ENTRY DATE: Entered STN: 20010404
Last Updated on STN: 20010404
Entered Medline: 20010329

L6 ANSWER 42 OF 90 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on
STN
ACCESSION NUMBER: 2001:373140 SCISEARCH
THE GENUINE ARTICLE: 428BK
TITLE: Deoxynucleoside anabolic enzyme levels in acute myelocytic
leukemia and chronic lymphocytic leukemia cells
AUTHOR: Jacobsson B; Albertioni F; Eriksson S (Reprint)
CORPORATE SOURCE: Huddinge Hosp, Dept Infect Dis, SE-14186 Huddinge, Sweden
(Reprint); Karolinska Hosp, Dept Clin Pharm & Med,
SE-17177 Stockholm, MI, Sweden; Univ Agr Sci, Dept Vet Med
Chem, SE-75123 Uppsala, Sweden
COUNTRY OF AUTHOR: Sweden
SOURCE: CANCER LETTERS, (26 APR 2001) Vol. 165, No. 2, pp. 195-200
DOCUMENT TYPE: Article; Journal
LANGUAGE: English
REFERENCE COUNT: 30
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L6 ANSWER 43 OF 90 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:619903 HCAPLUS
DOCUMENT NUMBER: 136:181505
TITLE: Clinical value of thymidine kinase in patients with cervical carcinoma

AUTHOR(S): Fujiwaki, Ritsuto; Hata, Kohkichi; Moriyama, Masashi;
 Iwanari, Osamu; Katabuchi, Hidetaka; Okamura, Hitoshi;
 Miyazaki, Kohji
 CORPORATE SOURCE: Department of Obstetrics and Gynecology, Shimane
 Medical University, Izumo, 693-8501, Japan
 SOURCE: Oncology (2001), 61(1), 47-54
 CODEN: ONCOBS; ISSN: 0030-2414
 PUBLISHER: S. Karger AG
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 44 OF 90 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2002:235664 HCAPLUS
 DOCUMENT NUMBER: 137:211509
 TITLE: Development of a 950-gene DNA array for examining gene
 expression patterns in mouse testis
 Rockett, John C.; Luft, J. Christopher; Garges, J.
 Brian; Krawetz, Stephen A.; Hughes, Mark K.; Kim, Kwan
 Hee; Oudes, Asa J.; Dix, David J.
 CORPORATE SOURCE: Reproductive Toxicology Division, National Health and
 Environmental Effects Research Laboratory, United
 States Environmental Protection Agency, Triangle Park,
 NC, 27711, USA
 SOURCE: GenomeBiology [online computer file] (2001), 2(4), No
 pp. given
 CODEN: GNBLFW; ISSN: 1465-6914
 URL: <http://genomebiology.com/2001/2/4/research/0014>
 PUBLISHER: BioMed Central Ltd.
 DOCUMENT TYPE: Journal; (online computer file)
 LANGUAGE: English
 REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 45 OF 90 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2000:756483 HCAPLUS
 DOCUMENT NUMBER: 133:325607
 TITLE: Treatment of neoplasms with interferon-sensitive
 viruses
 INVENTOR(S): Roberts, Michael S.; Lorence, Robert M.; Groene,
 William S.; Rabin, Harvey; Von Borstel, Reid W.
 PATENT ASSIGNEE(S): Pro-Virus, Inc., USA
 SOURCE: PCT Int. Appl., 108 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000062735	A2	20001026	WO 2000-US10204	20000417
WO 2000062735	A3	20031127		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2305269	AA	19990422	CA 1998-2305269	19981009

WO 9918799	A1	19990422	WO 1998-US21230	19981009
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
AU 9896038	A1	19990503	AU 1998-96038	19981009
EP 1032269	A1	20000906	EP 1998-949797	19981009
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2001519175	T2	20011023	JP 2000-515443	19981009
NZ 503664	A	20020828	NZ 1998-503664	19981009
CA 2370187	AA	20001026	CA 2000-2370187	20000417
JP 2003530301	T2	20031014	JP 2000-611872	20000417
EP 1390046	A2	20040225	EP 2000-922256	20000417
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
US 2003044384	A1	20030306	US 2002-44955	20020115
US 2003165465	A1	20030904	US 2002-167652	20020613
PRIORITY APPLN. INFO.:			US 1999-292376	A2 19990415
			US 1997-948244	A 19971009
			US 1998-168883	B1 19981009
			WO 1998-US21230	W 19981009
			WO 2000-US10204	W 20000417

L6 ANSWER 46 OF 90 MEDLINE on STN DUPLICATE 8

ACCESSION NUMBER: 2000213261 MEDLINE

DOCUMENT NUMBER: PubMed ID: 10747801

TITLE: Conservative mutations of glutamine-125 in herpes simplex virus type 1 thymidine kinase result in a ganciclovir kinase with minimal deoxypyrimidine kinase activities.

AUTHOR: Hinds T A; Compadre C; Hurlburt B K; Drake R R

CORPORATE SOURCE: Department of Biochemistry, University of Arkansas for Medical Sciences, Little Rock, Arkansas 72205, USA.

CONTRACT NUMBER: CA77938-01 (NCI)

SOURCE: Biochemistry, (2000 Apr 11) 39 (14) 4105-11.
Journal code: 0370623. ISSN: 0006-2960.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 200005

ENTRY DATE: Entered STN: 20000512
Last Updated on STN: 20000512
Entered Medline: 20000502

L6 ANSWER 47 OF 90 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN

ACCESSION NUMBER: 2000-06017 BIOTECHDS

TITLE: Conservative mutations of glutamine-125 in herpes simplex virus type-1 thymidine-kinase result in a ganciclovir-kinase with minimal deoxypyrimidine kinase activities; enzyme engineering, expression in mammal cell culture, and potential use in gene therapy

AUTHOR: Hinds R A; Compadre C; Hurlburt B K; *Drake R R

CORPORATE SOURCE: Univ.Arkansas-Med.Sci.

LOCATION: Department of Biochemistry and Molecular Biology, University of Arkansas for Medical Sciences, Little Rock, Arkansas 72205, USA.

SOURCE: Email: drakerickr@exchange.uams.edu
Biochemistry; (2000) 39, 14, 4105-11
CODEN: BICHAW

ISSN: 0006-2960

DOCUMENT TYPE: Journal
LANGUAGE: English

L6 ANSWER 48 OF 90 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2000:899969 HCAPLUS
DOCUMENT NUMBER: 134:351381
TITLE: Gene expression profiles in thyroid carcinomas
AUTHOR(S): Takano, T.; Hasegawa, Y.; Matsuzuka, F.; Miyauchi, A.; Yoshida, H.; Higashiyama, T.; Kuma, K.; Amino, N.
CORPORATE SOURCE: Department of Laboratory Medicine, Osaka University Medical School, Suita, 565-0871, Japan
SOURCE: British Journal of Cancer (2000), 83(11), 1495-1502
PUBLISHER: Harcourt Publishers Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 49 OF 90 MEDLINE on STN DUPLICATE 9
ACCESSION NUMBER: 2000091323 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10623730
TITLE: Human herpesvirus 8 open reading frame 21 is a thymidine and thymidylate kinase of narrow substrate specificity that efficiently phosphorylates zidovudine but not ganciclovir.
AUTHOR: Gustafson E A; Schinazi R F; Fingerot J D
CORPORATE SOURCE: Divisions of Infectious Disease and Experimental Medicine, Beth Israel Deaconess Medical Center, Boston, Massachusetts 02115, USA.
CONTRACT NUMBER: 1F32CA85157 (NCI)
K24CA85083 (NCI)
R01DE12186 (NIDCR)
SOURCE: Journal of virology, (2000 Jan) 74 (2) 684-92.
Journal code: 0113724. ISSN: 0022-538X.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals; AIDS
ENTRY MONTH: 200002
ENTRY DATE: Entered STN: 20000218
Last Updated on STN: 20000218
Entered Medline: 20000208

L6 ANSWER 50 OF 90 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on STN
ACCESSION NUMBER: 2000:504989 SCISEARCH
THE GENUINE ARTICLE: 329BE
TITLE: Insights into the phosphoryltransfer mechanism of human thymidylate kinase gained from crystal structures of enzyme complexes along the reaction coordinate
AUTHOR: Ostermann N; Schlichting I; Brundiers R; Konrad M; Reinstein J; Veit T; Goody R S (Reprint); Lavie A
CORPORATE SOURCE: MAX PLANCK INST MOL PHYSIOL, DEPT PHYS BIOCHEM, OTTO HAHN STR 11, D-44227 DORTMUND, GERMANY (Reprint); MAX PLANCK INST MOL PHYSIOL, DEPT PHYS BIOCHEM, D-44227 DORTMUND, GERMANY; MAX PLANCK INST BIOPHYS CHEM, DEPT MOL GENET, D-37018 GOTTINGEN, GERMANY
COUNTRY OF AUTHOR: GERMANY
SOURCE: STRUCTURE WITH FOLDING & DESIGN, (15 JUN 2000) Vol. 8, No. 6, pp. 629-642.

Publisher: CURRENT BIOLOGY LTD, 84 THEOBALDS RD, LONDON
WC1X 8RR, ENGLAND.
ISSN: 0969-2126.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE
LANGUAGE: English
REFERENCE COUNT: 29
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L6 ANSWER 51 OF 90 MEDLINE on STN DUPLICATE 10
ACCESSION NUMBER: 2000422263 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10949847
TITLE: [Evaluation of the effect of early and massive tritherapy
on the **expression** of cellular factors potentially
implicated in antiretroviral therapy resistance].
Evaluation de l'effet d'une tritherapie precoce et massive
sur l'**expression** des facteurs cellulaires
potentiellement impliques dans l'echappement a la
therapeutique antiretrovirale.
AUTHOR: Jorajuria S; Clayette P; Dereuddre-Bosquet N; Larghero J;
Thiebot H; Neildez O; Vaslin B; Le Grand R; Dormont D
CORPORATE SOURCE: Service de neurovirologie, DSV/DRM, CEA, CRSSA,
Fontenay-aux-Roses, France.
SOURCE: Pathologie-biologie, (2000 Jun) 48 (5) 490-4.
Journal code: 0265365. ISSN: 0369-8114.
PUB. COUNTRY: France
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: French
FILE SEGMENT: Priority Journals; AIDS
ENTRY MONTH: 200009
ENTRY DATE: Entered STN: 20000915
Last Updated on STN: 20000915
Entered Medline: 20000901

L6 ANSWER 52 OF 90 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN
ACCESSION NUMBER: 2001:3726 BIOSIS
DOCUMENT NUMBER: PREV200100003726
TITLE: Consequences of SHIV infection and HAART on the
expression of P-glycoprotein and cellular kinases
in blood and lymph nodes of cynomolgus macaques.
AUTHOR(S): Jorajuria, S. [Reprint author]; Clayette, P. [Reprint
author]; Dereuddre-Bosquet, N. [Reprint author]; Thiebot,
H. [Reprint author]; Neildez, O. [Reprint author]; Vaslin,
B. [Reprint author]; Le Grand, R. [Reprint author];
Dormont, D. [Reprint author]
CORPORATE SOURCE: Commissariat a l'Energie Atomique, Fontenay-aux-roses,
France
SOURCE: Abstracts of the Interscience Conference on Antimicrobial
Agents and Chemotherapy, (2000) Vol. 40, pp. 287. print.
Meeting Info.: 40th Interscience Conference on
Antimicrobial Agents and Chemotherapy. Toronto, Ontario,
Canada. September 17-20, 2000. Interscience Conference on
Antimicrobial Agents and Chemotherapy; American Society of
Microbiology.
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)
LANGUAGE: English
ENTRY DATE: Entered STN: 21 Dec 2000
Last Updated on STN: 21 Dec 2000

L6 ANSWER 53 OF 90 HCPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1999:640736 HCPLUS

DOCUMENT NUMBER: 131:282402
 TITLE: Progression elevated gene-3 promoter and its uses for cancer therapy
 INVENTOR(S): Fisher, Paul B.
 PATENT ASSIGNEE(S): The Trustees of Columbia University In the City of New York, USA
 SOURCE: PCT Int. Appl., 253 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 5
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9949898	A1	19991007	WO 1999-US7199	19990331
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2001014734	A1	20010816	US 1998-52753	19980331
US 6472520	B2	20021029		
AU 9935480	A1	19991018	AU 1999-35480	19990331
PRIORITY APPLN. INFO.:			US 1998-52753	A 19980331
			US 1997-821818	A2 19970321
			WO 1998-US5793	A2 19980320
			WO 1999-US7199	W 19990331
REFERENCE COUNT:	2	THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L6 ANSWER 54 OF 90 MEDLINE on STN DUPLICATE 11
 ACCESSION NUMBER: 2000054392 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 10585390
 TITLE: Modifying human thymidylate kinase to potentiate azidothymidine activation.
 AUTHOR: Brundiers R; Lavie A; Veit T; Reinstein J; Schlichting I; Ostermann N; Goody R S; Konrad M
 CORPORATE SOURCE: Department of Molecular Genetics, Max Planck Institute for Biophysical Chemistry, D-37070 Gottingen, Germany.
 SOURCE: Journal of biological chemistry, (1999 Dec 10) 274 (50) 35289-92.
 Journal code: 2985121R. ISSN: 0021-9258.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals; AIDS
 ENTRY MONTH: 200001
 ENTRY DATE: Entered STN: 20000124
 Last Updated on STN: 20000124
 Entered Medline: 20000113

L6 ANSWER 55 OF 90 HCPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2000:74626 HCPLUS
 DOCUMENT NUMBER: 133:54262
 TITLE: T lymphocyte transduction with herpes simplex virus-thymidine kinase (HSV-tk) gene: comparison of four different infection protocols
 AUTHOR(S): Di Ianni, Mauro; Di Florio, Sabrina; Venditti, Gigliola; Falzetti, Franca; Mannoni, P.; Martelli,

CORPORATE SOURCE: Massimo F.; Tabilio, Antonio
Haematology and Clinical Immunology Section, Perugia
University, Perugia, 06122, Italy
SOURCE: Journal of Hematotherapy & Stem Cell Research (1999),
8 (6), 645-652
CODEN: JHERFM; ISSN: 1525-8165
PUBLISHER: Mary Ann Liebert, Inc.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 56 OF 90 HCPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1998:406083 HCPLUS

DOCUMENT NUMBER: 129:76487

TITLE: A method of increasing the effectiveness of base analogs by gene therapy with a DNA polymerase β gene

INVENTOR(S) : Cazaux, Christophe; Tiraby, Jean Gerard; Fons, Pascal;
Hoffmann, Jean-Sebastien

PATENT ASSIGNEE(S) : Centre National de la Recherche Scientifique (CNRS),
Fr.; Cazaux, Christophe; Tiraby, Jean Gerard; Fons,
Pascal; Hoffmann, Jean-Sebastien

SOURCE: PCT Int. Appl., 41 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE : French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:				
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9826077	A1	19980618	WO 1997-FR2274	19971211
W: JP, US				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
FR 2757178	A1	19980619	FR 1996-15343	19961213
FR 2757178	B1	19990305		
EP 944724	A1	19990929	EP 1997-951311	19971211
R: DE, FR, GB, IT				
JP 2001512962	T2	20010828	JP 1998-526312	19971211
US 6475996	B1	20021105	US 1999-319265	19990706
PRIORITY APPLN. INFO.:			FR 1996-15343	A 19961213

REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 57 OF 90 MEDLINE on STN , DUPLICATE 12

ACCESSION NUMBER: 1998325190 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9658118
TITLE: Human thymidine kinase can functionally replace herpes simplex virus type 1 thymidine kinase for viral replication in mouse sensory ganglia and reactivation from latency upon explant.

AUTHOR: Chen S H; Cook W J; Grove K L; Coen D M
CORPORATE SOURCE: Department of Biological Chemistry and Molecular
Pharmacology, Harvard Medical School, Boston, Massachusetts
02115 USA

CONTRACT NUMBER: P01 AT24010 (NTAID)

REF ID: A6511

RECEIVED NUMBER: 101
PO1 NS35138 (NINDS)

PO1 NS999198 (NINB5)
PO1 AT36136 (NTATD)

10

SOURCE: Journal of virology, (1998 Aug) 72 (8) 6710-5.
Journal code: 0113724. ISSN: 0022-538X.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199808
ENTRY DATE: Entered STN: 19980817
Last Updated on STN: 19980817
Entered Medline: 19980805

L6 ANSWER 58 OF 90 MEDLINE on STN DUPLICATE 13
ACCESSION NUMBER: 1999013573 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9797227
TITLE: The Epstein-Barr virus thymidine kinase does not phosphorylate ganciclovir or acyclovir and demonstrates a narrow substrate specificity compared to the herpes simplex virus type 1 thymidine kinase.
AUTHOR: Gustafson E A; Chillemi A C; Sage D R; Fingerroth J D
CORPORATE SOURCE: Division of Infectious Disease, Dana-Farber Cancer Institute, Boston, Massachusetts, USA.
CONTRACT NUMBER: 5T32A107245-14 (NIDCR)
R01DE12186
SOURCE: Antimicrobial agents and chemotherapy, (1998 Nov) 42 (11) 2923-31.
Journal code: 0315061. ISSN: 0066-4804.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-AF067142
ENTRY MONTH: 199812
ENTRY DATE: Entered STN: 19990115
Last Updated on STN: 20000303
Entered Medline: 19981204

L6 ANSWER 59 OF 90 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
ACCESSION NUMBER: 1998:195332 BIOSIS
DOCUMENT NUMBER: PREV199800195332
TITLE: Evaluation of genes involved in chemoresistance by reverse transcription-polymerase chain reaction (RT-PCR) in renal cell carcinomas (RCC) and normal renal counterparts.
AUTHOR(S): Oudard, S. [Reprint author]; Pujade-Lauraine, E.; Thiounn, N.; Hu, L.; Bouganan, D.; Levalois, C.; Chevillard, S.
CORPORATE SOURCE: Oncology Unit, Hotel-Dieu de Paris, Paris, France
SOURCE: Proceedings of the American Association for Cancer Research Annual Meeting, (March, 1998) Vol. 39, pp. 214. print.
Meeting Info.: 89th Annual Meeting of the American Association for Cancer Research. New Orleans, Louisiana, USA. March 28-April 1, 1998. American Association for Cancer Research.
ISSN: 0197-016X.
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LANGUAGE: English
ENTRY DATE: Entered STN: 4 May 1998
Last Updated on STN: 4 May 1998

L6 ANSWER 60 OF 90 MEDLINE on STN DUPLICATE 14
ACCESSION NUMBER: 1998230225 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9570299
TITLE: Phosphorylation and cytotoxicity of therapeutic nucleoside analogues: a comparison of alpha and gamma herpesvirus thymidine kinase suicide genes.
AUTHOR: Cazaux C; Tiraby M; Loubiere L; Haren L; Klatzmann D; Tiraby G

CORPORATE SOURCE: Laboratoire de Microbiologie et de Genetique, Universite Paul Sabatier, Toulouse, France.
SOURCE: Cancer gene therapy, (1998 Mar-Apr) 5 (2). 83-91.
Journal code: 9432230. ISSN: 0929-1903.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals; AIDS
ENTRY MONTH: 199806
ENTRY DATE: Entered STN: 19980618
Last Updated on STN: 19980618
Entered Medline: 19980608

L6 ANSWER 61 OF 90 MEDLINE on STN DUPLICATE 15
ACCESSION NUMBER: 1998075435 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9413514
TITLE: Analysis of the non-sense mutants of varicella-zoster virus thymidine kinase.
AUTHOR: Suzutani T; Koyano S; Saijo M; Chiba A; Azuma M
CORPORATE SOURCE: Department of Microbiology, Asahikawa Medical College, Japan.
SOURCE: Archives of virology, (1997) 142 (10) 2059-64.
Journal code: 7506870. ISSN: 0304-8608.
PUB. COUNTRY: Austria
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199801
ENTRY DATE: Entered STN: 19980130
Last Updated on STN: 19980130
Entered Medline: 19980121

L6 ANSWER 62 OF 90 MEDLINE on STN DUPLICATE 16
ACCESSION NUMBER: 97428588 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9281520
TITLE: Use of herpes simplex virus thymidine kinase to improve the antiviral activity of zidovudine.
AUTHOR: Guettari N; Loubiere L; Brisson E; Klatzmann D
CORPORATE SOURCE: Centre National de la Recherche Scientifique, ERS 107, Hopital de la Pitie-Salpetriere, 83, Boulevard de l'hopital, Paris Cedex 13, 75651, France.
SOURCE: Virology, (1997 Sep 1) 235 (2) 398-405.
Journal code: 0110674. ISSN: 0042-6822.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals; AIDS
ENTRY MONTH: 199710
ENTRY DATE: Entered STN: 19971105
Last Updated on STN: 19990129
Entered Medline: 19971023

L6 ANSWER 63 OF 90 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
DUPLICATE 17
ACCESSION NUMBER: 1996-09409 BIOTECHDS
TITLE: Suicide gene constructs able to enhance effects of pyrimidine nucleoside analogs;
prodrug activation with thymidine-kinase,
thymidylate-kinase, nucleoside-
diphosphate-kinase, cytosine-deaminase or
uracil-phosphoribosyltransferase for cancer or AIDS gene therapy
AUTHOR: Tiraby G; Reynes J P; Tiraby M; Cazaux C; Drocourt D
PATENT ASSIGNEE: Cayla

LOCATION: Toulouse, France.
PATENT INFO: WO 9616183 30 May 1996
APPLICATION INFO: WO 1995-FR1511 16 Nov 1995
PRIORITY INFO: US 1994-343923 17 Nov 1994
DOCUMENT TYPE: Patent
LANGUAGE: French
OTHER SOURCE: WPI: 1996-268618 [27]

L6 ANSWER 64 OF 90 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1996:747679 HCAPLUS
DOCUMENT NUMBER: 126:55632
TITLE: Nucleotide sequence of the Kaposi sarcoma-associated herpesvirus (HHV8)
AUTHOR(S): Russo, James J.; Bohenzky, Roy A.; Chien, Ming-Cheng; Chen, Jing; Yan, Ming; Maddalena, Dawn; Parry, J. Preston; Peruzzi, Daniela; Edelman, Isidore S.; Chang, Yuan; Moore, Patrick S.
CORPORATE SOURCE: Columbia Genome Cent., Columbia Univ. Coll. Physicians and Surgeons, New York, NY, 10032, USA
SOURCE: Proceedings of the National Academy of Sciences of the United States of America (1996), 93(25), 14862-14867
CODEN: PNASA6; ISSN: 0027-8424
PUBLISHER: National Academy of Sciences
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 65 OF 90 MEDLINE on STN DUPLICATE 18
ACCESSION NUMBER: 97096332 MEDLINE
DOCUMENT NUMBER: PubMed ID: 8941356
TITLE: Further study of the mechanism underlying the cellular resistance to AZT.
AUTHOR: Turriziani O; Antonelli G; Focher F; Bambacioni F; Dianzani F
CORPORATE SOURCE: Institute of Virology, University La Sapienza, Rome, Italy.
SOURCE: Biochemical and biophysical research communications, (1996 Nov 21) 228 (3) 797-801.
Journal code: 0372516. ISSN: 0006-291X.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals; AIDS
ENTRY MONTH: 199701
ENTRY DATE: Entered STN: 19970128
Last Updated on STN: 19970128
Entered Medline: 19970106

L6 ANSWER 66 OF 90 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1996:10618 HCAPLUS
DOCUMENT NUMBER: 124:83139
TITLE: Splicing signals are required for S-phase regulation of the mouse thymidylate synthase gene
AUTHOR(S): Ke, Yunbo; Ash, John; Johnson, Lee F.
CORPORATE SOURCE: Dep. Mol. Genetics Biochem., Ohio State Univ., Columbus, OH, 43210, USA
SOURCE: Molecular and Cellular Biology (1996), 16(1), 376-83
CODEN: MCEBD4; ISSN: 0270-7306
PUBLISHER: American Society for Microbiology
DOCUMENT TYPE: Journal
LANGUAGE: English

L6 ANSWER 67 OF 90 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on STN

ACCESSION NUMBER: 95:249650 SCISEARCH
THE GENUINE ARTICLE: QQ431
TITLE: PURIFICATION AND PHOTOAFFINITY-LABELING OF HERPES-SIMPLEX
VIRUS TYPE-1 THYMIDINE KINASE
AUTHOR: RECHTIN T M; BLACK M E; MAO F; LEWIS M L; DRAKE R R
(Reprint)
CORPORATE SOURCE: UNIV ARKANSAS MED SCI HOSP, DEPT BIOCHEM, SLOT 516, 4301 W
MARKHAM, LITTLE ROCK, AR, 72205 (Reprint); UNIV ARKANSAS
MED SCI HOSP, DEPT BIOCHEM & MOLEC BIOL, LITTLE ROCK, AR,
72205; UNIV WASHINGTON, DEPT PATHOL, JOSEPH GOTTSSTEIN MEM
CANC RES LAB, SEATTLE, WA, 98195
COUNTRY OF AUTHOR: USA
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (31 MAR 1995) Vol. 270,
No. 13, pp. 7055-7060.
ISSN: 0021-9258.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE
LANGUAGE: ENGLISH
REFERENCE COUNT: 35
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L6 ANSWER 68 OF 90 MEDLINE on STN DUPLICATE 19
ACCESSION NUMBER: 95271005 MEDLINE
DOCUMENT NUMBER: PubMed ID: 7751651
TITLE: A unique member of the thymidylate kinase family that is
induced during macrophage activation.
AUTHOR: Lee C G; O'Brien W E
CORPORATE SOURCE: Department of Biochemistry, Baylor College of Medicine,
Houston, Texas 77030, USA.
SOURCE: Journal of immunology (Baltimore, Md. : 1950), (1995 Jun 1)
154 (11) 6094-102.
Journal code: 2985117R. ISSN: 0022-1767.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals
OTHER SOURCE: GENBANK-A36854; GENBANK-K01783; GENBANK-L16991;
GENBANK-L32973; GENBANK-P13410; GENBANK-X54729;
GENBANK-Z19544
ENTRY MONTH: 199506
ENTRY DATE: Entered STN: 19950629
Last Updated on STN: 19950629
Entered Medline: 19950622

L6 ANSWER 69 OF 90 MEDLINE on STN
ACCESSION NUMBER: 96114098 MEDLINE
DOCUMENT NUMBER: PubMed ID: 8845311
TITLE: Molecular characterization of the murine
thymidylate kinase gene.
AUTHOR: Liang P; Averboukh L; Zhu W; Haley T; Pardee A B
CORPORATE SOURCE: Division of Cell Growth and Regulation, Dana-Farber Cancer
Institute, Boston, Massachusetts, USA.
CONTRACT NUMBER: CA22427 (NCI)
SOURCE: Cell growth & differentiation : molecular biology journal
of the American Association for Cancer Research, (1995 Oct)
6 (10) 1333-8.
Journal code: 9100024. ISSN: 1044-9523.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199610
ENTRY DATE: Entered STN: 19961106
Last Updated on STN: 19980206

Entered Medline: 19961023

L6 ANSWER 70 OF 90 MEDLINE on STN DUPLICATE 20
ACCESSION NUMBER: 96142195 MEDLINE
DOCUMENT NUMBER: PubMed ID: 8548339
TITLE: Development of zidovudine (AZT) resistance in Jurkat T cells is associated with decreased expression of the thymidine kinase (TK) gene and hypermethylation of the 5' end of human TK gene.
AUTHOR: Wu S; Liu X; Solorzano M M; Kwock R; Avramis V I
CORPORATE SOURCE: Department of Pediatrics, USC School of Medicine, Childrens Hospital Los Angeles 90027, USA.
SOURCE: Journal of acquired immune deficiency syndromes and human retrovirology : official publication of the International Retrovirology Association, (1995 Jan 1) 8 (1) 1-9.
PUB. COUNTRY: Journal code: 9501482. ISSN: 1077-9450.
DOCUMENT TYPE: United States
LANGUAGE: English
FILE SEGMENT: Priority Journals; AIDS
OTHER SOURCE: GENBANK-K02581; GENBANK-M15205; GENBANK-M15206; GENBANK-X54729
ENTRY MONTH: 199602
ENTRY DATE: Entered STN: 19960306
Last Updated on STN: 19970203
Entered Medline: 19960222

L6 ANSWER 71 OF 90 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED. DUPLICATE 21
on STN
ACCESSION NUMBER: 94374163 EMBASE
DOCUMENT NUMBER: 1994374163
TITLE: [Genetically controlled pharmacomodulation for HIV gene therapy].
PHARMACOMODULATION CONTROLEE GENETIQUEMENT: APPLICATION AU TRAITEMENT DE L'INFECTION PAR LE VIH.
AUTHOR: Caruso M.; Klatzmann D.
CORPORATE SOURCE: Laboratoire de Biologie, URA CNRS D1643, CERVI, Hopital Pitie-Salpetriere, 83, Boulevard de l'Hopital, 75651 Paris Cedex 13, France
SOURCE: Comptes Rendus de l'Academie des Sciences - Serie III, (1994) 317/11 (1027-1030).
COUNTRY: ISSN: 0764-4469 CODEN: CRASEV
DOCUMENT TYPE: France
FILE SEGMENT: Journal; Article
004 Microbiology
029 Clinical Biochemistry
030 Pharmacology
037 Drug Literature Index
LANGUAGE: French
SUMMARY LANGUAGE: English; French

L6 ANSWER 72 OF 90 LIFESCI COPYRIGHT 2005 CSA on STN
ACCESSION NUMBER: 95:118690 LIFESCI
TITLE: Localization of a novel, LPS-inducible member of the thymidylate kinase family to mouse chromosome 12
AUTHOR: Lee, C.G.L.; Gilbert, D.J.; O'Brien, W.E.*; Jenkins, N.A.; Copeland, N.G.
CORPORATE SOURCE: Dep. Mol. and Hum. Genet., Baylor Coll. Med., One Baylor Plaza, Houston, TX 77030, USA
SOURCE: MAMMAL. GENOME, (1994) vol. 5, no. 11, pp. 742-743.
DOCUMENT TYPE: ISSN: 0938-8990.
FILE SEGMENT: Journal
G

LANGUAGE: English

L6 ANSWER 73 OF 90 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN

ACCESSION NUMBER: 94286583 EMBASE
DOCUMENT NUMBER: 1994286583
TITLE: Global change of gene expression at late G1/S
boundary may occur in human IMR-90 diploid
fibroblasts during senescence.
AUTHOR: Pang J.H.; Chen K.Y.
CORPORATE SOURCE: Dept. Chem./Grad. Program Biochem., Rutgers- State Univ.
New Jersey, Piscataway, NJ 08855-0939, United States
SOURCE: Journal of Cellular Physiology, (1994) 160/3 (531-538).
ISSN: 0021-9541 CODEN: JCLLAX
COUNTRY: United States
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 002 Physiology
020 Gerontology and Geriatrics
029 Clinical Biochemistry
LANGUAGE: English
SUMMARY LANGUAGE: English

L6 ANSWER 74 OF 90 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on
STN

ACCESSION NUMBER: 94:367111 SCISEARCH
THE GENUINE ARTICLE: NQ077
TITLE: HUMAN DTMP KINASE - GENE-EXPRESSION
AND ENZYMATIC-ACTIVITY COINCIDING WITH CELL-CYCLE
PROGRESSION AND CELL-GROWTH
AUTHOR: HUANG S H; TANG A; DRISCO B; ZHANG S Q; SEEGER R; LI C;
JONG A (Reprint)
CORPORATE SOURCE: CHILDRENS HOSP LOS ANGELES, 4650 SUNSET BLVD, MAILSTOP 57,
LOS ANGELES, CA, 90027 (Reprint); UNIV SO CALIF, SCH MED,
DEPT PEDIAT & MICROBIOL, LOS ANGELES, CA, 90027; UNIV SO
CALIF, SCH MED, DEPT PATHOL & OPHTHALMOL, LOS ANGELES, CA,
90027; UNIV SO CALIF, SCH MED, DEPT PEDIAT, LOS ANGELES,
CA, 90027; YALE UNIV, VET AFFAIRS MED CTR, SCH MED, INFECT
DIS SECT, W HAVEN, CT, 06516
COUNTRY OF AUTHOR: USA
SOURCE: DNA AND CELL BIOLOGY, (MAY 1994) Vol. 13, No. 5, pp.
461-471.
ISSN: 1044-5498.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE
LANGUAGE: ENGLISH
REFERENCE COUNT: 33
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L6 ANSWER 75 OF 90 MEDLINE on STN DUPLICATE 22
ACCESSION NUMBER: 94230604 MEDLINE
DOCUMENT NUMBER: PubMed ID: 7513713
TITLE: Differential induction of 'metabolic genes' after mitogen
stimulation and during normal cell cycle progression.
AUTHOR: Burger C; Wick M; Brusselbach S; Muller R
CORPORATE SOURCE: Institut fur Molekularbiologie und Tumorforschung (IMT),
Philipps-Universitat Marburg, Germany.
SOURCE: Journal of cell science, (1994 Jan) 107 (Pt 1) 241-52.
Journal code: 0052457. ISSN: 0021-9533.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199406
ENTRY DATE: Entered STN: 19940620

Last Updated on STN: 20000303
Entered Medline: 19940606

L6 ANSWER 76 OF 90 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on
STN DUPLICATE 23

ACCESSION NUMBER: 93:484089 SCISEARCH
THE GENUINE ARTICLE: LQ264
TITLE: AFRICAN SWINE FEVER VIRUS THYMIDYLATE
KINASE GENE - SEQUENCE AND TRANSCRIPTIONAL MAPPING
AUTHOR: YANEZ R J; RODRIGUEZ J M; RODRIGUEZ J F; SALAS M L
(Reprint); VINUELA E
CORPORATE SOURCE: UNIV AUTONOMA MADRID CANTO BLANCO, FAC CIENCIAS, CSIC, CTR
BIOL MOLEC SEVERO OCHOA, E-28049 MADRID, SPAIN
COUNTRY OF AUTHOR: SPAIN
SOURCE: JOURNAL OF GENERAL VIROLOGY, (AUG 1993) Vol. 74, Part 8,
pp. 1633-1638.
ISSN: 0022-1317.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE
LANGUAGE: ENGLISH
REFERENCE COUNT: 44
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L6 ANSWER 77 OF 90 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on
STN

ACCESSION NUMBER: 93:47933 SCISEARCH
THE GENUINE ARTICLE: KG400
TITLE: ANALYSIS OF THE THYMIDINE KINASE GENES FROM
ACYCLOVIR-RESISTANT MUTANTS OF VARICELLA-ZOSTER VIRUS
ISOLATED FROM PATIENTS WITH AIDS
AUTHOR: TALARICO C L (Reprint); PHELPS W C; BIRON K K
CORPORATE SOURCE: WELLCOME RES LABS, DIV VIROL, 3030 CORNWALLIS RD, RES
TRIANGLE PK, NC, 27709 (Reprint)
COUNTRY OF AUTHOR: USA
SOURCE: JOURNAL OF VIROLOGY, (FEB 1993) Vol. 67, No. 2, pp.
1024-1033.
ISSN: 0022-538X.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE
LANGUAGE: ENGLISH
REFERENCE COUNT: 56
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L6 ANSWER 78 OF 90 MEDLINE on STN
ACCESSION NUMBER: 93286554 MEDLINE
DOCUMENT NUMBER: PubMed ID: 8389797
TITLE: Kinetic studies of the predicted substrate-binding site of
varicella-zoster virus thymidine kinase.
AUTHOR: Suzutani T; Davies L C; Honess R W
CORPORATE SOURCE: Division of Virology, National Institute for Medical
Research, Mill Hill, London, U.K.
SOURCE: Journal of general virology, (1993 Jun) 74 (Pt 6) 1011-6.
Journal code: 0077340. ISSN: 0022-1317.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199307
ENTRY DATE: Entered STN: 19930723
Last Updated on STN: 19970203
Entered Medline: 19930715

L6 ANSWER 79 OF 90 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on
STN

ACCESSION NUMBER: 93:645139 SCISEARCH
THE GENUINE ARTICLE: MC626
TITLE: FOWLPOX VIRUS ENCODES A PROTEIN RELATED TO HUMAN
DEOXYCYTIDINE KINASE - FURTHER EVIDENCE FOR INDEPENDENT
ACQUISITION OF GENES FOR ENZYMES OF NUCLEOTIDE-METABOLISM
BY DIFFERENT VIRUSES
AUTHOR: KOONIN E V (Reprint); SENKEVICH T G
CORPORATE SOURCE: NIH, NATL LIB MED, NATL CTR BIOTECHNOL INFORMAT, BLDG 38A,
8600 ROCKVILLE PIKE, BETHESDA, MD, 20894 (Reprint);
RUSSIAN ACAD MED SCI, INST VIRAL PREPARAT, MOSCOW, RUSSIA
COUNTRY OF AUTHOR: USA; RUSSIA
SOURCE: VIRUS GENES, (SEP 1993) Vol. 7, No. 3, pp. 289-295.
ISSN: 0920-8569.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE
LANGUAGE: ENGLISH
REFERENCE COUNT: 24
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L6 ANSWER 80 OF 90 MEDLINE on STN
ACCESSION NUMBER: 92194446 MEDLINE
DOCUMENT NUMBER: PubMed ID: 1312622
TITLE: Random mutagenesis of the thymidine kinase gene of
varicella-zoster virus.
AUTHOR: Suzutani T; Lacey S F; Powell K L; Purifoy D J; Honess R W
CORPORATE SOURCE: Division of Virology, National Institute for Medical
Research, Mill Hill, London, United Kingdom.
SOURCE: Journal of virology, (1992 Apr) 66 (4) 2118-24.
Journal code: 0113724. ISSN: 0022-538X.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199204
ENTRY DATE: Entered STN: 19920509
Last Updated on STN: 19920509
Entered Medline: 19920417

L6 ANSWER 81 OF 90 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on
STN
ACCESSION NUMBER: 92:709675 SCISEARCH
THE GENUINE ARTICLE: KB012
TITLE: VIRAL THYMIDINE KINASES AND THEIR RELATIVES
AUTHOR: GENTRY G A (Reprint)
CORPORATE SOURCE: UNIV MISSISSIPPI, MED CTR, DEPT MICROBIOL, JACKSON, MS,
39216 (Reprint)
COUNTRY OF AUTHOR: USA
SOURCE: PHARMACOLOGY & THERAPEUTICS, (1992) Vol. 54, No. 3, pp.
319-355.
ISSN: 0163-7258.
DOCUMENT TYPE: General Review; Journal
FILE SEGMENT: LIFE
LANGUAGE: ENGLISH
REFERENCE COUNT: 200
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L6 ANSWER 82 OF 90 MEDLINE on STN
ACCESSION NUMBER: 91259063 MEDLINE
DOCUMENT NUMBER: PubMed ID: 2045793
TITLE: Nucleotide sequence of 42 kbp of vaccinia virus strain WR
from near the right inverted terminal repeat.
AUTHOR: Smith G L; Chan Y S; Howard S T
CORPORATE SOURCE: Sir William Dunn School of Pathology, University of Oxford,
U.K.

SOURCE: Journal of general virology, (1991 Jun) 72 (Pt 6) 1349-76.
PUB. COUNTRY: Journal code: 0077340. ISSN: 0022-1317.
DOCUMENT TYPE: ENGLAND: United Kingdom
LANGUAGE: Journal; Article; (JOURNAL ARTICLE)
FILE SEGMENT: English
ENTRY MONTH: Priority Journals
199107
ENTRY DATE: Entered STN: 19910802
Last Updated on STN: 19910802
Entered Medline: 19910717

L6 ANSWER 83 OF 90 MEDLINE on STN DUPLICATE 24
ACCESSION NUMBER: 91204436 MEDLINE
DOCUMENT NUMBER: PubMed ID: 2017365
TITLE: Molecular cloning and expression of the
human deoxythymidylate kinase gene in yeast.
AUTHOR: Su J Y; Sclafani R A
CORPORATE SOURCE: Department of Biochemistry, Biophysics and Genetics,
University of Colorado Health Sciences Center, Denver
80262.
CONTRACT NUMBER: GM35078 (NIGMS)
SOURCE: Nucleic acids research, (1991 Feb 25) 19 (4) 823-7.
Journal code: 0411011. ISSN: 0305-1048.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-S74822; GENBANK-S74824; GENBANK-S74828;
GENBANK-S74831; GENBANK-S74923; GENBANK-S74924;
GENBANK-S74925; GENBANK-S74926; GENBANK-X54729;
GENBANK-X56690
ENTRY MONTH: 199105
ENTRY DATE: Entered STN: 19910607
Last Updated on STN: 19910607
Entered Medline: 19910521

L6 ANSWER 84 OF 90 MEDLINE on STN
ACCESSION NUMBER: 90016845 MEDLINE
DOCUMENT NUMBER: PubMed ID: 2552411
TITLE: Vaccinia virus encodes a thymidylate
kinase gene: sequence and transcriptional mapping.
AUTHOR: Smith G L; de Carlos A; Chan Y S
CORPORATE SOURCE: Department of Pathology, University of Cambridge, UK.
SOURCE: Nucleic acids research, (1989 Oct 11) 17 (19) 7581-90.
Journal code: 0411011. ISSN: 0305-1048.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-X16259
ENTRY MONTH: 198911
ENTRY DATE: Entered STN: 19900328
Last Updated on STN: 19900328
Entered Medline: 19891121

L6 ANSWER 85 OF 90 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN
ACCESSION NUMBER: 1990:104315 BIOSIS
DOCUMENT NUMBER: PREV199038049600; BR38:49600
TITLE: POLYAMINE METABOLISM AND CELL-CYCLE-DEPENDENT GENE
EXPRESSION IN IMR-90 HUMAN DIPLOID
FIBROBLASTS DURING SENESCENCE IN CULTURE.
AUTHOR(S): CHEN K Y [Reprint author]; CHANG Z-F; PANG J-H; HE G-S; LIU
A Y-C

CORPORATE SOURCE: DEP CHEM, RUTGERS-STATE UNIV NEW JERSEY, NEW BRUNSWICK, NJ 08903, USA
SOURCE: Experimental Gerontology, (1989) Vol. 24, No. 5-6, pp. 523-538.
Meeting Info.: WORKSHOP ON CONTROL OF CELL PROLIFERATION IN SENESCENT CELLS, MONTREAL, QUEBEC, CANADA, AUGUST 1988. EXP GERONTOL.
CODEN: EXGEAB. ISSN: 0531-5565.
DOCUMENT TYPE: Conference; (Meeting)
FILE SEGMENT: BR
LANGUAGE: ENGLISH
ENTRY DATE: Entered STN: 14 Feb 1990
Last Updated on STN: 14 Feb 1990

L6 ANSWER 86 OF 90 MEDLINE on STN
ACCESSION NUMBER: 89130933 MEDLINE
DOCUMENT NUMBER: PubMed ID: 2536980
TITLE: Low levels of herpes simplex virus thymidine-thymidylate kinase are not limiting for sensitivity to certain antiviral drugs or for latency in a mouse model.
AUTHOR: Coen D M; Irmiere A F; Jacobson J G; Kerns K M
CORPORATE SOURCE: Department of Biological Chemistry and Molecular Pharmacology, Harvard Medical School, Boston, Massachusetts 02115.
CONTRACT NUMBER: 5T32 AI07245 (NIAID)
5T32 GM07306 (NIGMS)
PO1 AI24010 (NIAID)
SOURCE: Virology, (1989 Feb) 168 (2) 221-31.
Journal code: 0110674. ISSN: 0042-6822.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 198903
ENTRY DATE: Entered STN: 19900308
Last Updated on STN: 19970203
Entered Medline: 19890315

L6 ANSWER 87 OF 90 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
ACCESSION NUMBER: 1982:246540 BIOSIS
DOCUMENT NUMBER: PREV198274019020; BA74:19020
TITLE: BIOCHEMICAL CHARACTERIZATION OF FLUORO PYRIMIDINE RESISTANT MURINE LEUKEMIC CELL LINES.
AUTHOR(S): MULKINS M A [Reprint author]; HEIDELBERGER C
CORPORATE SOURCE: UNIV SOUTHERN CALIF, COMPREHENSIVE CANCER CENT, LOS ANGELES, CALIF 90033, USA
SOURCE: Cancer Research, (1982) Vol. 42, No. 3, pp. 965-973.
CODEN: CNREA8. ISSN: 0008-5472.
DOCUMENT TYPE: Article
FILE SEGMENT: BA
LANGUAGE: ENGLISH

L6 ANSWER 88 OF 90 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1983:67915 HCAPLUS
DOCUMENT NUMBER: 98:67915
TITLE: Synthesis of vaccinia virus thymidine kinase in microinjected Xenopus oocytes
AUTHOR(S): Hruby, Dennis E.; Miller, Donna B.; Ball, L. Andrew
CORPORATE SOURCE: Coll. Agric. Life Sci., Univ. Wisconsin-Madison, Madison, WI, 53706, USA
SOURCE: Virology (1982), 123(2), 470-3
CODEN: VIRLAX; ISSN: 0042-6822

DOCUMENT TYPE: Journal
LANGUAGE: English

L6 ANSWER 89 OF 90 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1976:520591 HCAPLUS
DOCUMENT NUMBER: 85:120591
TITLE: Assignments of the human genes for lactate dehydrogenase-A and thymidine kinase to specific chromosomal regions
AUTHOR(S): Francke, U.; Busby, N.
CORPORATE SOURCE: Dep. Pediatr., Univ. California, La Jolla, CA, USA
SOURCE: Birth Defects, Original Article Series (1975), 11(3), 313-19
CODEN: BTHDAK; ISSN: 0547-6844

DOCUMENT TYPE: Journal
LANGUAGE: English

L6 ANSWER 90 OF 90 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1964:46586 HCAPLUS
DOCUMENT NUMBER: 60:46586
ORIGINAL REFERENCE NO.: 60:8245h,8246a-b
TITLE: Acquisition of deoxyribonucleic acid (DNA)-synthesizing enzymes by animal cells infected, with pox viruses
AUTHOR(S): Kit, Saul
CORPORATE SOURCE: Baylor Univ. Coll. of Med., Houston, TX
SOURCE: Experimental Cell Research, Supplement (1963), No. 9, 270-5
CODEN: ECRSAT; ISSN: 0099-9539

DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

=> e ketchum k a/au
E1 1 KETCHUM JR R L/AU
E2 34 KETCHUM K/AU
E3 233 --> KETCHUM K A/AU
E4 1 KETCHUM K J/AU
E5 34 KETCHUM K L/AU
E6 22 KETCHUM KAREN/AU
E7 188 KETCHUM KAREN A/AU
E8 1 KETCHUM KAREN ANN/AU
E9 2 KETCHUM KATHY/AU
E10 2 KETCHUM KATHY L/AU
E11 4 KETCHUM KEVIN/AU
E12 3 KETCHUM KEVIN L/AU

=> s e3
L7 233 "KETCHUM K A"/AU

=> e beasley e m/au
E1 1 BEASLEY E H/AU
E2 6 BEASLEY E L/AU
E3 322 --> BEASLEY E M/AU
E4 7 BEASLEY E O/AU
E5 1 BEASLEY E S G/AU
E6 2 BEASLEY E T/AU
E7 4 BEASLEY E W/AU
E8 2 BEASLEY E W 3RD/AU
E9 2 BEASLEY E W III/AU
E10 1 BEASLEY E W JR/AU
E11 1 BEASLEY EDWARD E/AU
E12 1 BEASLEY EDWARD EVANS/AU

=> s e3
L8 322 "BEASLEY E M"/AU

=> e difrancesco v/au
E1 1 DIFRANCESCO U/AU
E2 1 DIFRANCESCO U M/AU
E3 100 --> DIFRANCESCO V/AU
E4 17 DIFRANCESCO VALENTINA/AU
E5 1 DIFRANCESCOL/AU
E6 1 DIFRANCESO D/AU
E7 2 DIFRANCESO L/AU
E8 1 DIFRANCESO R/AU
E9 1 DIFRANCESO ROBIN/AU
E10 1 DIFRANCESSO L/AU
E11 6 DIFRANCIA C/AU
E12 4 DIFRANCIA CELENE/AU

=> s e3-e4
L9 117 ("DIFRANCESCO V"/AU OR "DIFRANCESCO VALENTINA"/AU)

=> e wei m h/au
E1 16 WEI M F/AU
E2 5 WEI M G/AU
E3 136 --> WEI M H/AU
E4 1 WEI M H Y/AU
E5 1 WEI M I/AU
E6 48 WEI M J/AU
E7 8 WEI M K/AU
E8 104 WEI M L/AU
E9 20 WEI M M/AU
E10 1 WEI M N/AU
E11 107 WEI M Q/AU
E12 1 WEI M R/AU

=> s e3-e4
L10 137 ("WEI M H"/AU OR "WEI M H Y"/AU)

=> d his

(FILE 'HOME' ENTERED AT 15:40:15 ON 03 MAR 2005)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS,
LIFESCI' ENTERED AT 15:40:48 ON 03 MAR 2005

L1 1370 S THYMIDYLATE (A) KINASE?
L2 467 S HUMAN AND L1
L3 6949390 S CLON? OR EXPRESS? OR RECOMBINANT
L4 9 S "TYKI"
L5 155 S (L2 OR L4) AND L3
L6 90 DUP REM L5 (65 DUPLICATES REMOVED)
E KETCHUM K A/AU
L7 233 S E3
E BEASLEY E M/AU
L8 322 S E3
E DIFRANCESCO V/AU
L9 117 S E3-E4
E WEI M H/AU
L10 137 S E3-E4

=> s 17 or 18 or 19 or 110
L11 665 L7 OR L8 OR L9 OR L10

=> s 11 and 111
L12 1 L1 AND L11

=> d all

L12 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 2002:921847 HCAPLUS
DN 138:21347
ED Entered STN: 04 Dec 2002
TI Identification, cloning, characterization and cDNA and genomic sequences
of a human thymidylate kinase subfamily member
IN Wei, Ming-Hui; Ketchum, Karen A.; Beasley, Ellen M.; Difrancesco,
Valentina
PA PE Corporation (NY), USA
SO U.S., 49 pp.
CODEN: USXXAM
DT Patent
LA English
IC ICM C12N009-12
ICS C12N001-20; C12N015-00; C12N005-00; C07H021-04
NCL 435194000; 435320100; 435325000; 435252300; 435006000; 536023200
CC 7-5 (Enzymes)
Section cross-reference(s): 3, 13

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6489153	B1	20021203	US 2001-984880	20011031
	US 2003087294	A1	20030508	US 2002-277032	20021022
	US 6664087	B2	20031216		
	WO 2003048303	A2	20030612	WO 2002-US34872	20021031
	WO 2003048303	A3	20040122		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	EP 1451312	A2	20040901	EP 2002-804411	20021031
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
	US 2004081999	A1	20040429	US 2003-681223	20031009
PRAI	US 2001-984880	A3	20011031		
	US 2002-277032	A3	20021022		
	WO 2002-US34872	W	20021031		

CLASS

	PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
US 6489153	ICM	C12N009-12	
	ICS	C12N001-20; C12N015-00; C12N005-00; C07H021-04	
	NCL	435194000; 435320100; 435325000; 435252300; 435006000; 536023200	
US 6489153	ECLA	C12N009/12; C12N009/12B4	
US 2003087294	ECLA	C12N009/12; C12N009/12B4	
US 2004081999	ECLA	C12N009/12; C12N009/12B4	

AB The present invention discloses genomic, cDNA and encoded amino acid
sequences of the thymidylate kinase subfamily member
of human. Chromosomal mapping, exon-intron structure, expression profile
and SNPs of gene encoding the thymidylate kinase
homolog are provided. Structural motifs of the polypeptide are also
provided. The present invention specifically provides isolated peptide
and nucleic acid mols., methods of identifying orthologs and paralogs of
the kinase peptides, and methods of identifying modulators of the kinase
peptides.

ST **thymidylate kinase homolog gene cDNA sequence human**
IT Genetic element
RL: BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)
(exon; identification, cloning, characterization and cDNA and genomic sequences of human **thymidylate kinase** subfamily member)
IT Animal tissue
(expression profile; identification, cloning, characterization and cDNA and genomic sequences of human **thymidylate kinase** subfamily member)
IT Genetic methods
(gene discovery; identification, cloning, characterization and cDNA and genomic sequences of human **thymidylate kinase** subfamily member)
IT Chromosome
(human 2, **thymidylate kinase** gene mapping to;
identification, cloning, characterization and cDNA and genomic sequences of human **thymidylate kinase** subfamily member)
IT DNA sequences
Genetic mapping
Human
Molecular cloning
Plasmid vectors
Protein motifs
Protein sequences
Viral vectors
cDNA sequences
(identification, cloning, characterization and cDNA and genomic sequences of human **thymidylate kinase** subfamily member)
IT Genetic element
RL: BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)
(intron; identification, cloning, characterization and cDNA and genomic sequences of human **thymidylate kinase** subfamily member)
IT Genetic polymorphism
(single nucleotide; identification, cloning, characterization and cDNA and genomic sequences of human **thymidylate kinase** subfamily member)
IT Gene, animal
RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(**thymidylate kinase**-encoding; identification, cloning, characterization and cDNA and genomic sequences of human **thymidylate kinase** subfamily member)
IT Bacteriophage
(vector; identification, cloning, characterization and cDNA and genomic sequences of human **thymidylate kinase** subfamily member)
IT 477825-94-8P
RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); PREP (Preparation); USES (Uses)
(amino acid sequence; identification, cloning, characterization and cDNA and genomic sequences of human **thymidylate kinase** subfamily member)
IT 9014-43-1P, **Thymidylate kinase**
RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); PREP (Preparation); USES (Uses)
(identification, cloning, characterization and cDNA and genomic

sequences of human thymidylate kinase subfamily member)

IT 477825-92-6 477825-93-7
RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (nucleotide sequence; identification, cloning, characterization and cDNA and genomic sequences of human thymidylate kinase subfamily member)

IT 477825-95-9
RL: PRP (Properties) (unclaimed protein sequence; identification, cloning, characterization and cDNA and genomic sequences of a human thymidylate kinase subfamily member)

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE

(1) Kawai; Nature 2001, V409, P685

=> d his

(FILE 'HOME' ENTERED AT 15:40:15 ON 03 MAR 2005)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 15:40:48 ON 03 MAR 2005

L1 1370 S THYMIDYLATE (A) KINASE?
L2 467 S HUMAN AND L1
L3 6949390 S CLON? OR EXPRESS? OR RECOMBINANT
L4 9 S "TYKI"
L5 155 S (L2 OR L4) AND L3
L6 90 DUP REM L5 (65 DUPLICATES REMOVED)
E KETCHUM K A/AU
L7 233 S E3
E BEASLEY E M/AU
L8 322 S E3
E DIFRANCESCO V/AU
L9 117 S E3-E4
E WEI M H/AU
L10 137 S E3-E4
L11 665 S L7 OR L8 OR L9 OR L10
L12 1 S L1 AND L11

=> s l4 and l11

L13 0 L4 AND L11

=> d his

(FILE 'HOME' ENTERED AT 15:40:15 ON 03 MAR 2005)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 15:40:48 ON 03 MAR 2005

L1 1370 S THYMIDYLATE (A) KINASE?
L2 467 S HUMAN AND L1
L3 6949390 S CLON? OR EXPRESS? OR RECOMBINANT
L4 9 S "TYKI"
L5 155 S (L2 OR L4) AND L3
L6 90 DUP REM L5 (65 DUPLICATES REMOVED)
E KETCHUM K A/AU
L7 233 S E3
E BEASLEY E M/AU
L8 322 S E3
E DIFRANCESCO V/AU
L9 117 S E3-E4
E WEI M H/AU
L10 137 S E3-E4

L11 665 S L7 OR L8 OR L9 OR L10
L12 1 S L1 AND L11
L13 0 S L4 AND L11

	L #	Hits	Search Text
1	L1	170	thymidylylate adj kinase\$2
2	L2	71077 1	clon\$3 or express\$3 or recombinant
3	L3	49	l1 same 12
4	L4	46829 6	human
5	L5	28	l3 same 14
6	L6	9	"tyki"
7	L7	27983	WEI BEASLEY KETCHUM DIFRANCESCO
8	L8	15	l1 and 17
9	L9	4	l6 and 17

	Issue Date	Pages	Document ID	Title
1	20040429	48	US 20040081999 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
2	20040422	253	US 20040076955 A1	Methods of diagnosis of bladder cancer, compositions and methods of screening for modulators of bladder cancer
3	20040212	570	US 20040029114 A1	Methods of diagnosis of breast cancer, compositions and methods of screening for modulators of breast cancer
4	20031211	206	US 20030228570 A1	Methods of diagnosis of Hepatitis C infection, compositions and methods of screening for modulators of Hepatitis C infection
5	20030508	48	US 20030087294 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins and uses thereof
6	20020425	46	US 20020048756 A1	Analysis of gene family expression
7	20031216	44	US 6664087 B2	Isolated human kinase proteins
8	20021203	49	US 6489153 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
9	20010515	21	US 6232065 B1	Analysis of gene family expression

	Issue Date	Pages	Document ID	Title
1	20040722	86	US 20040142325 A1	Methods and systems for annotating biomolecular sequences
2	20040527	122	US 20040101876 A1	Methods and systems for annotating biomolecular sequences
3	20040429	48	US 20040081999 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
4	20031030	28	US 20030202964 A1	Mutated herpes simplex virus type 1 thymidine kinases and uses thereof
5	20030724	460	US 20030138432 A1	Selective cellular targeting: multifunctional delivery vehicles, multifunctional prodrugs, use as antineoplastic drugs
6	20030529	31	US 20030100533 A1	Drug combination for the treatment of viral diseases
7	20030508	48	US 20030087294 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins and uses thereof
8	20021010	29	US 20020146796 A1	Mutated herpes simplex virus type 1 thymidine kinases and uses thereof
9	20031216	44	US 6664087 B2	Isolated human kinase proteins
10	20030826	27	US 6610289 B2	Mutated herpes simplex virus type 1 thymidine kinases and uses thereof
11	20030610	25	US 6576622 B1	Drug combination for the treatment of viral diseases

12	20021203	49	US 6489153 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
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	Issue Date	Pages	Document ID	Title
13	20020917	79	US 6451571 B1	Thymidine kinase mutants
14	20010612	27	US 6245543 B1	Mutated herpes simplex virus type 1 thymidine kinases and uses thereof
15	20000125	105	US 6017734 A	Unique nucleotide and amino acid sequence and uses thereof

	Issue Date	Pages	Document ID	Title
1	20040429	48	US 20040081999 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
2	20030508	48	US 20030087294 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins and uses thereof
3	20031216	44	US 6664087 B2	Isolated human kinase proteins
4	20021203	49	US 6489153 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

	Issue Date	Pages	Document ID	Title
1	20040902	242	US 20040171050 A1	Crystallization and structure determination of staphylococcus aureus thymidylate kinase
2	20040429	48	US 20040081999 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
3	20040226	259	US 20040038207 A1	Gene expression in bladder tumors
4	20040219	67	US 20040033497 A1	Polymorphisms of PD-1
5	20040219	324	US 20040033495 A1	Methods of diagnosis of angiogenesis, compositions and methods of screening for angiogenesis modulators
6	20040115	60	US 20040009477 A1	Methods for producing libraries of expressible gene sequences
7	20040101	106	US 20040002067 A1	Breast cancer progression signatures
8	20031023	36	US 20030198972 A1	Grading of breast cancer
9	20030918	62	US 20030176392 A1	Treatment of EBV and KHSV infection and associated abnormal cellular proliferation
10	20030717	102	US 20030134302 A1	Libraries of expressible gene sequences
11	20030626	63	US 20030118599 A1	Compositions and methods for the therapy and diagnosis of lung cancer

12	20030508	48	US 20030087294 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins and uses thereof
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	Issue Date	Pages	Document ID	Title
13	20030417	102	US 20030073163 A1	Libraries of expressible gene sequences
14	20021205	59	US 20020183499 A1	Compositions and methods for the therapy and diagnosis of lung cancer
15	20020606	24	US 20020068298 A1	Methods of identifying compounds that bind to target species under isothermal denaturing conditions
16	20020131	22	US 20020012927 A1	Nucleic acid sequences associated with aging, particularly skin aging
17	20040706	54	US 6759508 B2	Compositions and methods for the therapy and diagnosis of lung cancer
18	20040622	48	US 6752981 B1	Prodrugs for liver specific drug delivery
19	20040330	26	US 6713260 B2	Methods of identifying compounds that bind to target species under isothermal denaturing conditions
20	20040316	434	US 6706867 B1	DNA array sequence selection
21	20040210	239	US 6689595 B1	Crystallization and structure determination of <i>Staphylococcus aureus</i> thymidylate kinase
22	20031216	44	US 6664087 B2	Isolated human kinase proteins
23	20021203	49	US 6489153 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
24	20020423	25	US 6376180 B1	Methods of identifying compounds that bind to target species under isothermal denaturing conditions
25	20020101	227	US 6335170 B1	Gene expression in bladder tumors

	Issue Date	Pages	Document ID	Title
26	20011218	87	US 6331396 B1	Arrays for identifying agents which mimic or inhibit the activity of interferons
27	20011106	95	US 6312662 B1	Prodrugs phosphorus-containing compounds
28	19990105	24	US 5856153 A	Suicide genes and new associations of pyrimidine nucleobase and nucleoside analogs with new suicide genes for gene therapy of acquired diseases